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PATENT

Attorney Docket No. UM-07718

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Madhavi Krishnan *et al.*  
Serial No.: 10/678,805  
Filed: 10/03/03  
Entitled: Methods of Performing Biochemical Reactions in a Convective Flow Field

Group No.: 1637  
Examiner: Wilder, Cynthia B.

## AMENDMENT TRANSMITTAL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)	
I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Dated: <u>December 9, 2004</u>	By: <u>Christopher J. Collins</u>

Sir or Madam:

Transmitted herewith is an amendment for this application. The fee has been calculated as shown below.

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDITIONAL FEE
Total Claims	31	—	31	0	×	18.00	\$0.00
Independent Claims	4	—	4	0	×	88.00	\$0.00

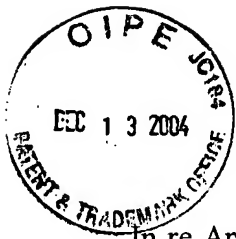
TOTAL DUE 0.00

1. No additional fee is required.
2. Please charge any additional fees, including any fees necessary for extensions of time, or credit overpayment to Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

Dated: December 9, 2004By: Peter G. Carroll

Registration No. 32,837

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617/984.0616



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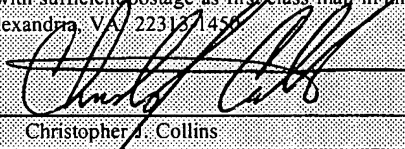
Filed: 10/03/03

Examiner: Wilder, Cynthia

Entitled: **Methods of Performing Biochemical Reactions in a Convective Flow Field**

**RESPONSE TO NOTICE OF NON-COMPLIANT  
AMENDMENT (37 CFR 1.121)**

Commissioner for Patents  
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Madam:

This amendment is in response to the Notice of Non-Compliant dated November 15, 2004. The notice states that the Preliminary Amendment, submitted to the United States Patent and Trademark Office on March 30, 2004, was noncompliant due to the fact the signature fell on the last page of the amendment.

On page two of this communication please find the amendments to the specification as per 37 CFR 1.121.